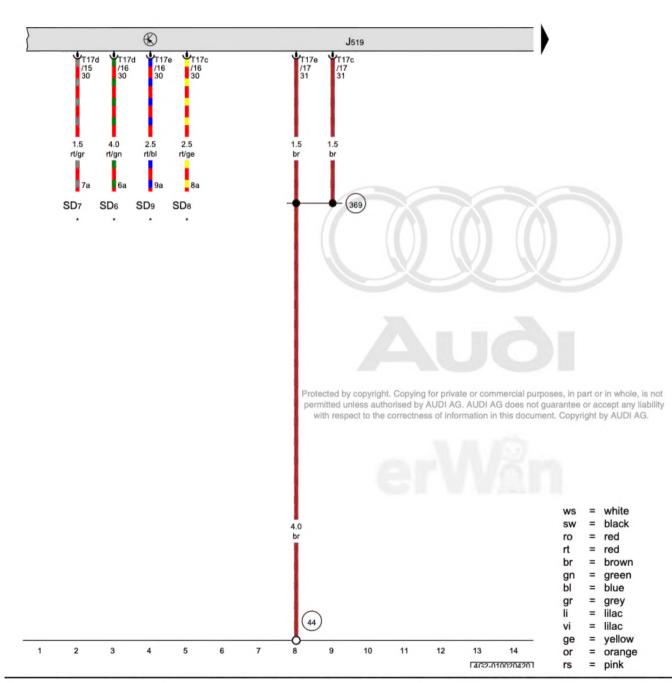
Headlamps Bixenon HID with Range Control, Cornering Lamp, LED Daytime Running Lamps
From January 2011



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Wiring Diagram



## Vehicle Electrical System Control Module

- J519 Vehicle Electrical System Control Module
- SD6 Fuse 6 (On Fuse Panel D)
- SD7 Fuse 7 (On Fuse Panel D)
- SD8 Fuse 8 (On Fuse Panel D)
- SD9 Fuse 9 (On Fuse Panel D)
- T17c 17-Pin Connector
- T17d 17-Pin Connector
- T17e 17-Pin Connector
- 44 Ground Connection on A-Pillar, Lower Left
- (369) Ground Connection 4 (in Main Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Fuse Positions

Wiring Diagram

## (1) **J**519 T32c T32c /18 LIN ST<sub>2</sub> SC8 Prote ed by copyright. pying for private or commercial purposes, in part or in whole, is not penniged unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability 0.35 with respect to the correctness of information in this document. Copyright by AUDI AG. T4af T4af /1 LIN W4 ( E<sub>1</sub> E314 E315 E680 E20 0.35 br (199) (45) 21 22 23 24 25 27 or 4G2-010030420 rs

## Light Switch, Vehicle Electrical System Control Module

- E1 Light Switch
- E20 Instrument Panel and Switch Illumination Dimmer Switch
- E314 Rear Fog Lamp Button
- E315 Fog Lamp Button
- E680 Night Vision System Button
- J519 Vehicle Electrical System Control Module
- K4 Position Lamp Indicator Lamp
- 13 Rear Fog Lamp Indicator Lamp
- 17 Fog Lamp Indicator Lamp
- L9 Headlamp Switch Illumination Bulb
- ST2 Fuse Panel 2
- SC8 Fuse 8 (On Fuse Panel C)
- T4af 4-Pin Connector
- T32c 32-Pin Connector

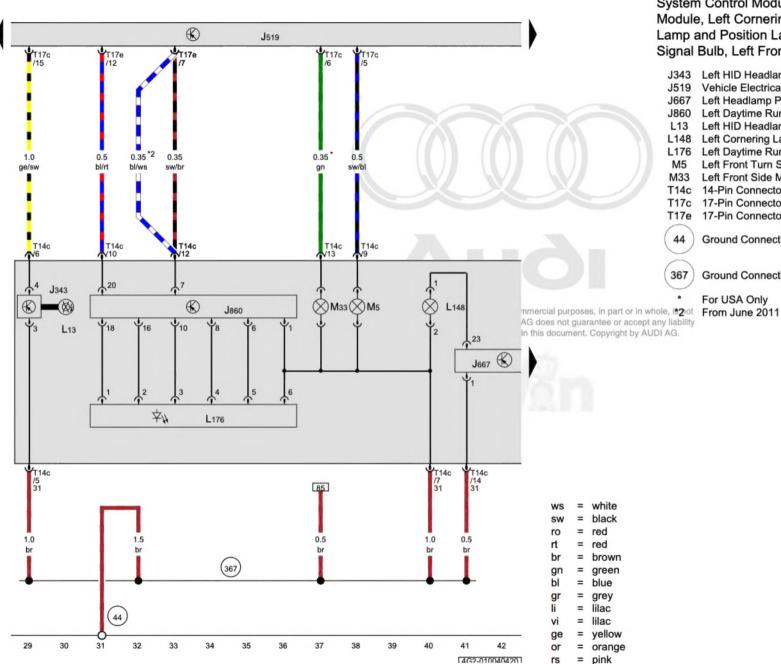
= white = black = red = red = brown = green = blue = grey = lilac

= lilac = yellow

= pink

= orange

- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Fuse Positions



Left HID Headlamp Control Module, Vehicle Electrical System Control Module, Left Headlamp Power Output Module, Left Cornering Lamp Bulb, Left Daytime Running Lamp and Position Lamp LED Module, Left Front Turn Signal Bulb, Left Front Side Marker Lamp Bulb

```
J343 Left HID Headlamp Control Module
```

J519 Vehicle Electrical System Control Module

J667 Left Headlamp Power Output Module

Left Daytime Running Lamp and Position Lamp Control Module

Left HID Headlamp Bulb

L148 Left Cornering Lamp Bulb

L176 Left Daytime Running Lamp and Position Lamp LED Module

Left Front Turn Signal Bulb

Left Front Side Marker Lamp Bulb

T14c 14-Pin Connector

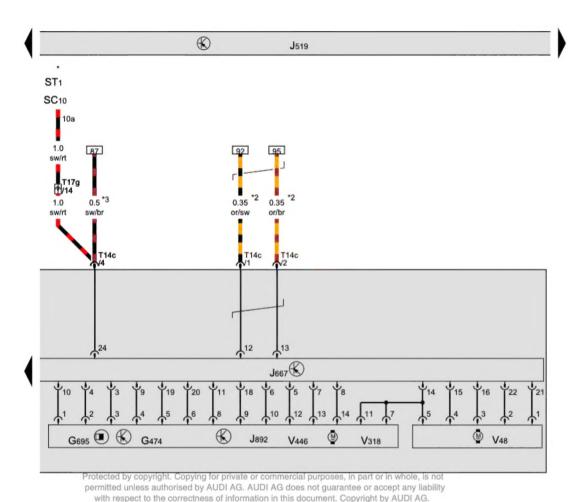
T17c 17-Pin Connector

T17e 17-Pin Connector

Ground Connection on A-Pillar, Lower Left

Ground Connection 2 (in Main Wiring Harness)

For USA Only



52

53

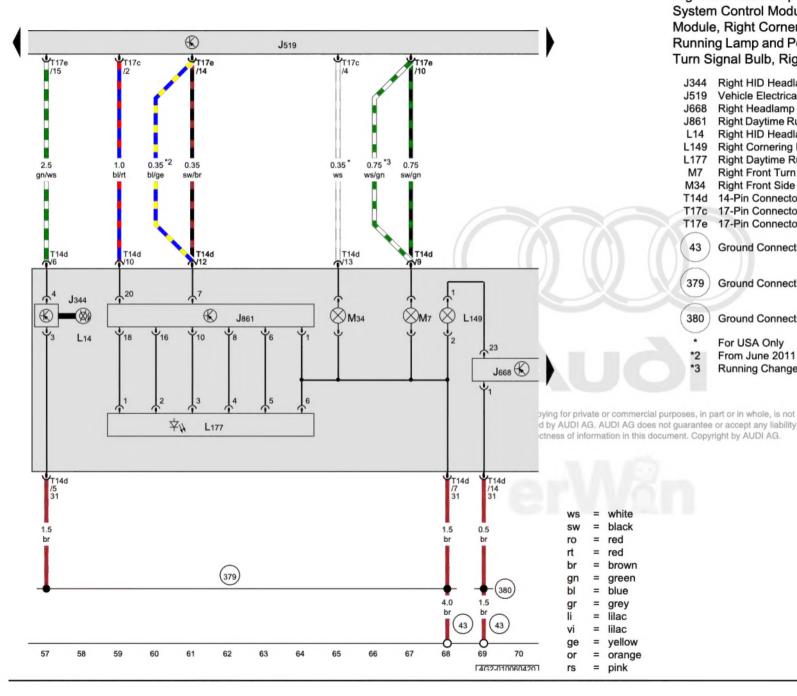
4G2-010050420

ws = white sw = black ro = red rt = red br = brown an = green

rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Vehicle Electrical System Control Module, Left Headlamp Power Output Module, Left Headlamp Power Output Module 2, Left Headlamp Range Control Adjustment Motor

- G474 Left Swivel Module Position Sensor
  G695 Sensor for Left Variable Headlamp Positioning Motor
  J519 Vehicle Electrical System Control Module
  J667 Left Headlamp Power Output Module
- J892 Left Headlamp Power Output Module 2
- ST1 Fuse Panel 1 SC10 Fuse 10 (On Fuse Panel C)
- T14c 14-Pin Connector
  T17g 17-Pin Connector, In the Left A-Pillar Connector Station
- V48 Left Headlamp Range Control Adjustment Motor
- V318 Left Adaptive Cornering Lamp Motor V446 Left Variable Headlamp Positioning Motor
- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Data Bus Wire (CAN Bus)
- \*3 From June 2011



Right HID Headlamp Control Module, Vehicle Electrical System Control Module, Right Headlamp Power Output Module, Right Cornering Lamp Bulb, Right Daytime Running Lamp and Position Lamp LED Module, Right Front Turn Signal Bulb, Right Front Side Marker Lamp Bulb

- J344 Right HID Headlamp Control Module
- J519 Vehicle Electrical System Control Module
- J668 Right Headlamp Power Output Module
- J861 Right Daytime Running Lamp and Position Lamp Control Module
- L14 Right HID Headlamp Bulb
- L149 Right Cornering Lamp Bulb
- L177 Right Daytime Running Lamp and Position Lamp LED Module
- Right Front Turn Signal Bulb
- Right Front Side Marker Lamp Bulb
- T14d 14-Pin Connector
- T17c 17-Pin Connector
- T17e 17-Pin Connector
- Ground Connection on A-Pillar, Lower Right
- Ground Connection 14 (in Main Wiring Harness)
- Ground Connection 15 (in Main Wiring Harness)
  - For USA Only
  - From June 2011
  - Running Change

71

72

73

74

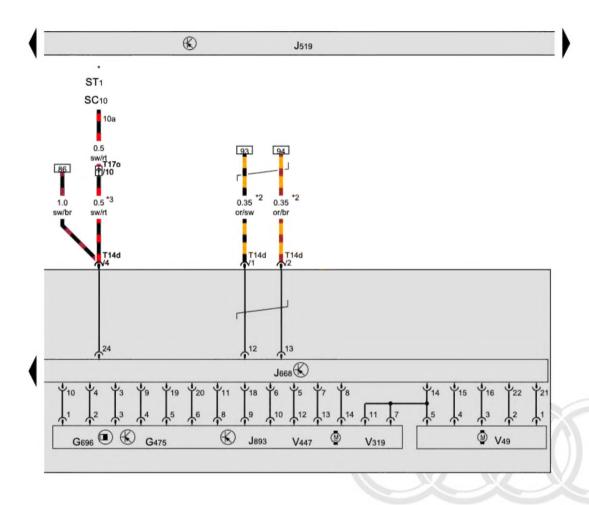
75

77

78

79

Wiring Diagram



Vehicle Electrical System Control Module, Right Headlamp Power Output Module, Right Headlamp Power Output Module 2, Right Headlamp Range Control Adjustment Motor

- G475 Right Swivel Module Position Sensor
- G696 Sensor for Right Variable Headlamp Positioning Motor
- J519 Vehicle Electrical System Control Module
- J668 Right Headlamp Power Output Module
- J893 Right Headlamp Power Output Module 2
- ST1 Fuse Panel 1
- SC10 Fuse 10 (On Fuse Panel C)
- T14d 14-Pin Connector
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar
- V49 Right Headlamp Range Control Adjustment Motor
- V319 Right Adaptive Cornering Lamp Motor
- V447 Right Variable Headlamp Positioning Motor
- Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Data Bus Wire (CAN Bus)
- \*3 From June 2011

= white = black = red = red = brown = green = blue

right lillacudi AG. = yellow

= orange

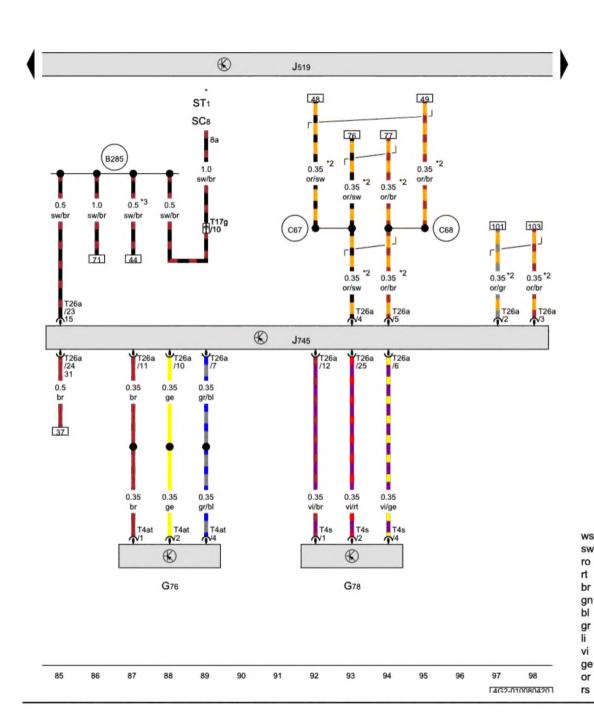
= pink

rs

Protected by copyright. Copying for private or commercial purpose grin part ogreyhole, is not permitted unless authorised by AUDI AG. AUDI AG does not guartintee a atitact any liability

[4G2-010070420]

with respect to the correctness of information in this document. Gopyo



Left Rear Level Control System Sensor, Left Front Level Control System Sensor, Vehicle Electrical System Control Module, Cornering Lamp and Headlamp Range Control Module

- G76 Left Rear Level Control System Sensor
- G78 Left Front Level Control System Sensor
- J519 Vehicle Electrical System Control Module
- J745 Cornering Lamp and Headlamp Range Control Module
- ST1 Fuse Panel 1
- SC8 Fuse 8 (On Fuse Panel C)
- T4at 4-Pin Connector
- 74s 4-Pin Connector
- 17-Pin Connector, In the Left A-Pillar Connector Station
- T26a 26-Pin Connector
- (B285) Positive Connection 9 (15a) (in Main Wiring Harness)
- C67 CAN Bus High Connection (in Headlamp Wiring Harness)
- C68 CAN Bus Low Connection (in Headlamp Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Data Bus Wire (CAN Bus)
- \*3 From June 2011

= white

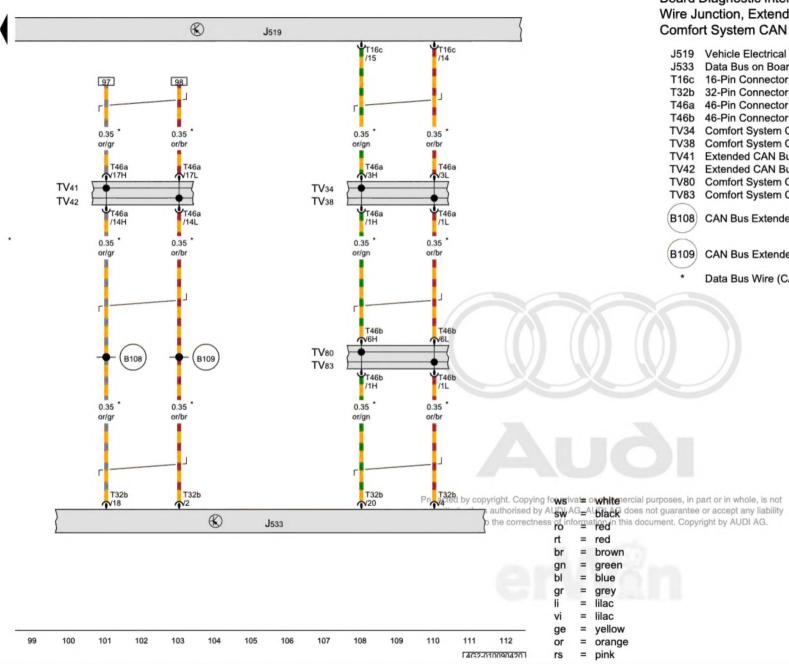
= black

= brown
= green
= blue
= grey
= lilac
= lilac
= yellow

= orange

= pink

= red = red Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Vehicle Electrical System Control Module, Data Bus on Board Diagnostic Interface, Comfort System CAN Bus High Wire Junction, Extended CAN Bus High Wire Junction, Comfort System CAN Bus High Wire Junction 2

- J519 Vehicle Electrical System Control Module
- J533 Data Bus on Board Diagnostic Interface
- T16c 16-Pin Connector

- TV34 Comfort System CAN Bus High Wire Junction
- TV38 Comfort System CAN Bus Low Wire Junction
- TV41 Extended CAN Bus High Wire Junction
- TV42 Extended CAN Bus Low Wire Junction
- Comfort System CAN Bus High Wire Junction 2
- TV83 Comfort System CAN Bus Low Wire Junction 2
- CAN Bus Extended High Connection 1 (in Main Wiring Harness)
- CAN Bus Extended Low Connection 1 (in Main Wiring Harness)
  - Data Bus Wire (CAN Bus)